

ABSTRACT

RADIO COMMUNICATION SYSTEM

5 A radio communication system comprises a secondary station (110) having a plurality of communication channels (226a,226b,226c) with a plurality of primary stations (100a,100b,100c) for the transmission of data packets from one or more selected primary stations to the secondary station. The selection of primary station(s) is performed on the basis of a plurality of metrics, and
10 may be performed in the secondary station, the primary stations, or shared between primary and secondary stations. Use of a plurality of metrics enables improved system behaviour.

 The values of one or more metrics may be signalled to the secondary station by a primary station or vice-versa. Metrics may be pre-processed or combined
15 before their value is signalled. The metrics may also be dynamic and depend in part on predictions of system behaviour.

(Figure 2)

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